

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004067

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02D41/20 H01L41/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02D H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 102 45 135 A (DENSO CORP ;NIPPON SOKEN (JP)) 24 April 2003 (2003-04-24) abstract; claims 1,2,4; figures 1,4 paragraphs '0091! - '0109! -----	1-5,9, 10,19,20
A	DE 198 25 210 A1 (GSG ELEKTRONIK GMBH; PHYSIK INSTRUMENTE GMBH & CO) 28 October 1999 (1999-10-28) abstract; claim 1; figure 1 column 4, line 19 - column 4, line 67 column 5, line 59 - column 6, line 63 -----	1,20
A	DE 101 20 143 A (CONTI TEMIC MICROELECTRONIC) 31 October 2002 (2002-10-31) abstract; claims 1,2; figure 1 paragraphs '0013! - '0020! -----	1,20
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

26 January 2005

Date of mailing of the international search report

02/02/2005

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PCT/GB2004/004067

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 016 040 A (FREUDENBERG HELLMUT ET AL) 18 January 2000 (2000-01-18) abstract; claim 1; figure 1 column 5, line 10 - column 5, line 54 -----	1-5, 8-10,14, 15,19,20
A	DE 197 23 935 C (SIEMENS AG) 17 December 1998 (1998-12-17) abstract; claim 1; figure 1 column 2, line 15 - column 3, line 36 -----	1,4,10, 19,20
A	FR 2 829 314 A (RENAULT) 7 March 2003 (2003-03-07) abstract; claims 1-3; figures 7,8 page 7, line 5 - page 8, line 21 -----	1,4,10, 19,20
A	DE 197 34 895 A (SIEMENS AG) 25 February 1999 (1999-02-25) abstract; claim 1; figure 1 column 2, line 23 - column 3, line 11 -----	1,4,8, 10,19,20

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/004067

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10245135	A	24-04-2003	JP 2003111448 A DE 10245135 A1	11-04-2003 24-04-2003
DE 19825210	A1	28-10-1999	DE 59901996 D1 WO 9956327 A1 EP 1080502 A1 US 6617754 B1	14-08-2002 04-11-1999 07-03-2001 09-09-2003
DE 10120143	A	31-10-2002	DE 10120143 A1	31-10-2002
US 6016040	A	18-01-2000	DE 19632837 A1 BR 9711162 A CA 2263213 A1 CN 1228874 A CZ 9900494 A3 WO 9807197 A1 EP 0946998 A1 JP 2000502844 T JP 3571058 B2 KR 2000029901 A RU 2167488 C2 ZA 9707140 A	19-02-1998 17-08-1999 19-02-1998 15-09-1999 14-07-1999 19-02-1998 06-10-1999 07-03-2000 29-09-2004 25-05-2000 20-05-2001 30-04-1998
DE 19723935	C	17-12-1998	DE 19723935 C1 BR 9809947 A CN 1259190 T WO 9855751 A1 EP 0986704 A1 US 6212053 B1	17-12-1998 01-08-2000 05-07-2000 10-12-1998 22-03-2000 03-04-2001
FR 2829314	A	07-03-2003	FR 2829314 A1	07-03-2003
DE 19734895	A	25-02-1999	DE 19734895 A1 FR 2767355 A1 US 5986360 A	25-02-1999 19-02-1999 16-11-1999